

METHOD AND APPARATUS FOR AUTOMATICALLY GENERATING A DEVICE USER INTERFACE

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ABSTRACT

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A system and a method generate a device user interface executable by an information handling system. A device database includes a list of devices for which user interface components are available to implement functions for controlling the devices, and a resource database includes the user interface components. The device to be controlled by the user interface is identified and compared to a database of devices for which user interface resource components are available. A user interface generator determines whether the device is included in the device database and retrieves the user interface components from the resource database. A layout manager assembles the user interface components into a user interface. If the device is not listed, generic device user interface components are retrieved, otherwise device specific user interface components are retrieved, and assembled into a layout matrix. The user interface is created from the layout matrix.

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